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PTO/SB/21 (02-04)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/748,637
	Filing Date	December 30, 2003
	First Named Inventor	BRACKETT et al.
	Art Unit	1651
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	7230-9

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gregory A. Nelson, Reg. No. 30,577 AKERMAN GENTERFITT
Signature	
Date	9-10-04

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Date	9-10-04

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of BRACKETT et al.

Application No. 10/748,637

Examiner:

Filed: December 30, 2003

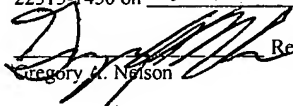
Group-Art Unit: 1651

For: INCREASING SPERM MOBILITY

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR §1.97(b)**

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Gregory A. Nelson Reg. No. 30,577

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, the references cited on the accompanying form PTO/SB/08A are hereby brought to the attention of the Examiner for independent evaluation. The references were cited in the specification of the present application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and made of record in the present application and that an initialed copy of form PTO/SB/08A be returned in accordance with MPEP. §609.

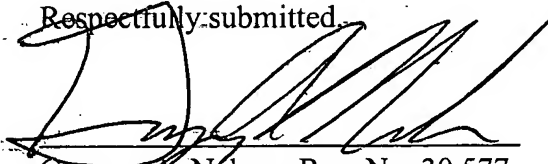
Certification

This Statement is being filed within three months of the filing of this application and/or prior to the issuance of the first Office Action for the present application, and this paper is thus submitted in accordance with 37 CFR §1.97(b). In view of this certification, a fee is not required for consideration of these documents. Nevertheless, should a fee be deemed to be due by the Commissioner, such fee should be charged to Deposit Account No. 50-0951.

Dated: \_\_\_\_\_

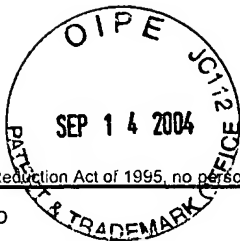
9-10-04

Respectfully submitted,



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Docket No. 7230-9



PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/748,637

Filing Date December 30, 2003

First Named Inventor BRACKETT et al.

Art Unit 1651

Examiner Name

Attorney Docket Number 7230-9

Sheet 1

of

2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Aird, I: Leukocytes in Semen From Men With Spinal Cord Injuries, Fertility and Sterility, Vol. 72, No. 1, July 1999, pages 97-103	
		Aitken, R: Leukocytic Infiltration into the Human Ejaculate and Its Association with Semen Quality, Oxidative Stress, and Sperm Function, Journal of Andrology, Vol. 15, No. 4, July/August 1994, pages 343-352	
		Aitken, R: Prospective Analysis of Sperm-Oocyte Fusion and Reactive Oxygen Species Generation as Criteria for the Diagnosis of Infertility, Am J Obstet Gynecol, Feb. 1991, pages 542-551	
		Basu, S: Cytofluorographic Identification of Activated T-cell Subpopulations in the Semen of Men With Spinal Cord Injuries, Journal of Andrology, Vol. 23, No. 4, pages 551-556	
		Brackett, N: Seminal Plasma of Spinal Cord Injured Men Inhibits Sperm Motility of Normal Men, The Journal of Urology, Vol. 155, May 1996, pages 1632-1635	
		Brackett, N: Male Fertility Following Spinal Cord Injury: Facts and Fiction, Physical Therapy, Vol. 76, No. 11, November 1996, pages 1221-1231	
		Lamirande, E: Human Sperm Hyperactivation in Whole Semen and its Association with Low Superoxide Scavenging Capacity in Seminal Plasma, Fertility and Sterility, Vol. 59, No. 6, June 1993, pages 1291-1295	
		Gruschwitz, M: Cytokine Levels in the Seminal Plasma of Infertile Males, Journal of Andrology, Vol. 17, No. 2, March/April 1996, pages 158-163	
		Koválski, N: Reactive Oxygen Species Generated by Human Neutrophils Inhibit Sperm Motility: Protective Effect of Seminal Plasma and Scavengers, Fertility and Sterility, Vol. 58, No. 4, October 1992, pages 809-816	
		Linsenmeyer, T: Infertility in Men With Spinal Cord Injury, Arch Phys Med Rehabil, Vol. 72, September 1991, pages 747-754	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Application Number	10/748,637
		Filing Date	December 30, 2003
		First Named Inventor	BRACKETT et al.
		Art Unit	1651
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	7230-9

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Naz, R.K.: Decreased Levels of Interleukin-12 Are Not Correlated With Leukocyte Concentration and Superoxide Dismutase Activity in Semen of Infertile Men, Archives of Andrology, Vol. 41, 1998, pages 91-96	
		Ohl, D.: Fertility of Spinal Cord Injured Males: Effect of Genitourinary Infection and Bladder Management on Results of Electroejaculation, Journal of American Paraplegia Society, Vol. 15, No. 2, pages 53-59	
		Padron, O.: Seminal Reactive Oxygen Species and Sperm Motility and Morphology in Men with Spinal Cord Injury, Fertility and Sterility, Vol. 67, No. 6, June 1997, pages 1115-1120	
		Rajasekaran, M.: Oxidative Stress and Interleukins in Seminal Plasma During Leukocytospermia, Fertility and Sterility, Vol. 64, No. 1, July 1995, pages 166-171	
		Sonksen, J.: Fertility in Men with Spinal Cord or Cauda Equina Lesions, Seminars in Neurology, Vol. 12, No. 2, June 1992, pages 106-114	
		Wieder, J.: Brown-Colored Semen in Men With Spinal Cord Injury, Journal of Andrology, Vol. 20, No. 5, September/October 1999, pages 594-600	
		Wolff, H.: Leukocytespermia is Associated with Poor Semen Quality, Fertility and Sterility, Vol. 53, No. 3, March 1990, pages 528-536	

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